

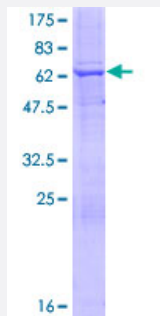
Full-Length

MTMR1 (Human) Recombinant Protein (P02)

Catalog # H00008776-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MTMR1 full-length ORF (AAH32947.1, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDRPAAAAAAGCEGGGGPNPGPAGGRRPPRAAGGATAGSRQPSVETLDSPTGSHVEWCKQLI
AATISSQISGSVTSENVSRDYKALRDGNKLAQMEEAPLFPGESIKAMKDVMYICPFMGAVSGTLTV
TDFKLYFKNVERDPHFILDVPLGVISRVEKIGAQSHGDNSCGIEVCKDMRNRLRAYKQEEQSKLGI
FENLNKHAFPLSNGQALFAFSYKEKFPINGWKVYDPVSEYKRQGLPNESWKISKINSNYEFCDTYP
AIVVPTSVKDDDLKVAAFRAKGRVPVLSWIHPESQATITRCSQPLVGPNDKRCKEDEKYLQTIM
DANAQSHKLIIFDARQNSVADTNKLWYQDTASLME

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.2

Interspecies Antigen Sequence

Mouse (92); Rat (90)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MTMR1

Entrez GeneID[8776](#)**GeneBank Accession#**[BC032947.1](#)**Protein Accession#**[AAH32947.1](#)**Gene Name**

MTMR1

Gene Alias

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Gene Description

myotubularin related protein 1

Omim ID[300171](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the myotubularin related family of proteins. Members of this family contain the consensus sequence for the active site of protein tyrosine phosphatases. Alternatively spliced variants have been described but their biological validity has not been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000025864|myotubularin-related protein 1

Pathway

- [Fructose and mannose metabolism](#)

- [Metabolic pathways](#)
- [Riboflavin metabolism](#)
- [Thiamine metabolism](#)